

(10895)

MATERIAL SAFETY DATA SHEET
May be used to comply with
OSHA's Hazard Communication
Standard, 29CFR 1910.2100.

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health
Administration (Non-Mandatory Form)

011-FLAME CUTTING CLEANER

KCI, INC.
 3401 RENO AVENUE
 CHARLOTTE, N.C. 28216

CHEMTREC (24-HOUR) 800-424-9300
INFORMATION 704-372-8435
DATE PREPARED: AUGUST 1, 2014

SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION
Hazardous components CAS# OSHA PEL ACGIH TLV % (optional)

Hazardous components	CAS#	OSHA PEL	ACGIH TLV	% (optional)
*ISOPROPYL ALCOHOL	67-63-0	400 ppm	400 ppm	< 20% <input type="checkbox"/>
PROPANE	74-98-6	1000 ppm	NOT EST.	<input type="checkbox"/>
BUTANE	106-97-8	NOT EST.	800 ppm	<input type="checkbox"/>
*2-BUTOXYETHANOL	111-76-2	50 ppm	25 ppm (SKIN)	<5% <input type="checkbox"/>
*AMMONIA	7664-41-7	50 ppm	25 ppm	<1% <input type="checkbox"/>

*SEE ATTACHED FOR SARA TITLE III NOTIFICATION AND ADDITIONAL
 HEALTH DATA.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NOT EST. Specific Gravity (H2O=1): 0.98-1.0
Vapor Pressure: (mm HG): 46 Melting Point: N/A
Vapor Density: N/A Evaporation Rate: SLOWER
(Butyl Acetate=1)

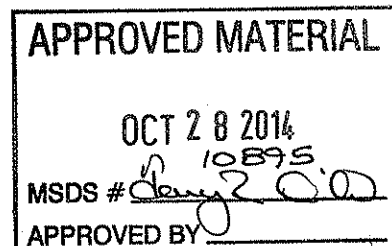
Solubility in Water: Infinite.
Appearance and Odor: Clear, blue-colored liquid; pleasant odor

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Flammable Limits LEL UEL
NON-FLAMMABLE NOT EST. N/A N/A

Extinguishing Media: Carbon dioxide, dry chemical or foam.
Special Firefighting Procedures: Pressure-demand, self-contained protection
should be provided for protection. Storage
containers exposed to fire should be kept
cool with water.

Unusual Fire and Explosion Hazards: Contents under pressure. Do not expose
to temperatures exceeding 120F as the
containers may vent, rupture or burst.



SECTION V-REACTIVITY DATA

Stability: Unstable Conditions to Avoid
Stable X Open flame.

Incompatibility(Materials to Avoid)

Strong oxidizers.

Hazardous Decomposition or Byproducts:
CO, CO2

Hazardous May Occur: Condition to Avoid
Polymerization None
Will Not Occur:X

SECTION VI-HEALTH HAZARD DATA

Routes of Entry:Inhalation: Yes Skin:No Ingestion: No

Health Hazards(Acute and Chronic)
May cause irritation in eyes.

Exposure of skin and eyes may produce irritation. Product
is moderately alkaline.

Carcinogenicity: Not currently on any lists.(IARC,NTP,OSHA)

Signs and Symptoms of Exposure:

High concentrations may cause nasal and respiratory
irritation

Medical Conditions

Generally Aggravated by Exposure: None

Emergency First Aid Procedures: Eyes-flush with water for
15 minutes.Skin-wash area with soap & water.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled
For minor spills, wash away with water to sewer. For major spills, absorb in suitable absorbent and shovel into suitable waste container.

Waste Disposal Method:

Dilute with water and dispose through sewer by first neutralizing with mild acetic acid. This product contains no toxic chemicals and can be disposed.

Precautions to Be Taken in Handling and Storage:

Contents are pressurized. Do not leave exposed to temperatures greater than 120 F. Keep out of reach of children.

Other Precautions:

Keep container closed when not in use. Remove spills promptly as they make floors slippery.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (specify Type)

Not normally required when work area is ventilated.

Ventilation: Local Exhaust-Adequate
Special-N/A
Mechanical (General)-N/A
Other-N/A

Protective Gloves-None required.

Eye Protection-Face shield and goggles should be worn.

Other Protective Clothing or Equipment:N/A

Work/Hygienic Practices:Wash hands after use.

SARA TITLE III NOTIFICATION/INFORMATION

- *All chemical compounds marked with an asterisk(*) are toxic
- chemicals subject to the reporting requirements of Section 313
- of Title III of the Super Fund Amendments and Reauthorization
- Act(SARA) of 1986 and 40 CFR Part 372. You must notify each
- person to whom this mixture or trade name product is sold.
- This statement must remain a part of this Material Safety Data
- Sheet. This statement must not be detached. Any copy or
- redistribution of this Material Safety Data Sheet shall
- include this statement.

VOC CONTENT: 7.3% / 0.59 LBS. GALLON/70 GRAMS/LITER

NEW JERSEY RIGHT TO KNOW INFORMATION

(5 MOST PREDOMINANT INGREDIENTS/HAZARDOUS & NON-HAZARDOUS)

- ISOPROPYL ALCOHOL CAS# 67-63-0
- 2-BUTOXYETHANOL CAS# 111-76-2
- PROPANE CAS#74-98-6
- BUTANE CAS# 106-97-8
- AMMONIA CAS#7664-41-7

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

- HEALTH-2
- FLAMMABILITY-1
- REACTIVITY-1

- HAZARD RATING
- 4-SEVERE HAZARD
 - 3-SERIOUS HAZARD
 - 2-MODERATE HAZARD
 - 1-SLIGHT HAZARD
 - 0-MINIMAL HAZARD

NATIONAL FIRE PROTECTION ASSOCIATION

- HEALTH-2
- FLAMMABILITY-1
- REACTIVITY-1
- OTHER-NONE

- 4-SEVERE HAZARD
- 3-SERIOUS HAZARD
- 2-MODERATE HAZARD
- 1-SLIGHT HAZARD
- 0-MINIMAL HAZARD